

09/994719

11/28/01

ISSUE CLASSIFICATION	
Class	Subclass

PATENT NUMBER

## U.S. UTILITY Patent Application

MT.

**O.I.P.E.**

SCANNED

**Q.A.**

PATENT DATE

## APPLICANTS

Miki Kurosawa  
Tsukasa Fukushima  
Masanori Mizuno  
Shozui Takeno

**TITLE**

Laser beam machining method for wiring board, laser beam machining apparatus for wiring board, and carbonic acid gas laser oscillator for machining wiring board.

PTO-2040  
12/99

## ISSUING CLASSIFICATION

[illegible]

Continued on Issue Slip Inside File Jacket

<input type="checkbox"/> <b>TERMINAL DISCLAIMER</b>	<b>DRAWINGS</b>			<b>CLAIMS ALLOWED</b>	
	Sheets Drwg.	Figs. Drwg.	Print Fig.	Total Claims	Print Claim for O.G.
<input type="checkbox"/> The term of this patent subsequent to _____ (date) has been disclaimed.	_____ (Assistant Examiner) (Date)			<b>NOTICE OF ALLOWANCE MAILED</b>	
	<input type="checkbox"/> The term of this patent shall not extend beyond the expiration date of U.S. Patent. No. _____ _____ _____	_____ (Primary Examiner) (Date)			<b>ISSUE FEE</b>
Amount Due					Date Paid
<input type="checkbox"/> The terminal ____months of this patent have been disclaimed.	_____ (Legal Instruments Examiner) (Date)			<b>ISSUE BATCH NUMBER</b>	

**WARNING:**

The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only.

Form PTO-438A  
(Rev. 6/99)

FILED WITH: ☐ DISK (CRF) ☐ FICHE ☐ CD-ROM  
(Attached in pocket on right inside flap)

(Attached in pocket on right inside flap)

**BEST AVAILABLE COPY**